

|    | Type | L # | Hits  | Search Text   | DBs  | Time Stamp          |
|----|------|-----|-------|---|--|---------------------|
| 1  | BRS  | L1  | 35    | ((determin\$5 or detect\$5 or measur\$5 or calculat\$5) near3 (raman near2 gain)) with amplifi\$5 | USPAT; US-PGPUB; EPO;<br>JPO; DERWENT; IBM_TDB | 2003/02/21<br>16:59 |
| 2  | BRS  | L8  | 14872 | first with ((determin\$5 or detect\$5 or measur\$5 or calculat\$5) near3 power)                   | USPAT; US-PGPUB; EPO;<br>JPO; DERWENT; IBM_TDB | 2003/02/21<br>17:11 |
| 3  | BRS  | L15 | 442   | raman near2 pump  | USPAT; US-PGPUB; EPO;<br>JPO; DERWENT; IBM_TDB | 2003/02/21<br>17:09 |
| 4  | BRS  | L22 | 13239 | second with ((determin\$5 or detect\$5 or measur\$5 or calculat\$5) near3 power)                  | USPAT; US-PGPUB; EPO;<br>JPO; DERWENT; IBM_TDB | 2003/02/21<br>16:12 |
| 5  | BRS  | L29 | 21    | 1 and @ad<=20010404   | USPAT; US-PGPUB; EPO;<br>JPO; DERWENT; IBM_TDB | 2003/02/21<br>17:08 |
| 6  | BRS  | L36 | 1     | 29 and 8 and 15 and 22  | USPAT; US-PGPUB; EPO;<br>JPO; DERWENT; IBM_TDB | 2003/02/21<br>16:18 |
| 7  | BRS  | L43 | 16    | 29 and 15   | USPAT; US-PGPUB; EPO;<br>JPO; DERWENT; IBM_TDB | 2003/02/21<br>16:18 |
| 8  | BRS  | L50 | 13723 | ((determin\$5 or detect\$5 or measur\$5 or calculat\$5) near6 differen\$5) near10 power           | USPAT; US-PGPUB; EPO;<br>JPO; DERWENT; IBM_TDB | 2003/02/21<br>17:09 |
| 9  | BRS  | L57 | 2     | 1 and 50  | USPAT; US-PGPUB; EPO;<br>JPO; DERWENT; IBM_TDB | 2003/02/21<br>17:08 |
| 10 | BRS  | L64 | 0     | 57 and @ad<=20010404  | USPAT; US-PGPUB; EPO;<br>JPO; DERWENT; IBM_TDB | 2003/02/21<br>17:08 |
| 11 | BRS  | L78 | 13711 | (first and second) with ((determin\$5 or detect\$5 or measur\$5 or calculat\$5) near5 power)      | USPAT; US-PGPUB; EPO;<br>JPO; DERWENT; IBM_TDB | 2003/02/21<br>17:15 |
| 12 | BRS  | L85 | 16    | ("no" or without or absence) near4 (raman near2 pump\$5)  | USPAT; US-PGPUB; EPO;<br>JPO; DERWENT; IBM_TDB | 2003/02/21<br>17:23 |
| 13 | BRS  | L92 | 1     | 78 and 85   | USPAT; US-PGPUB; EPO;<br>JPO; DERWENT; IBM_TDB | 2003/02/21<br>17:23 |

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|----|------|-----|--------|--|-----------------|---------------------|
| 1  | BRS  | L1  | 32     | ((determin\$5 or detect\$5 or measur\$5 or calculat\$5 or inspect\$5) near\$6 (raman near\$3 gain))  | USPAT; EPO; JPO | 2001/12/04<br>15:10 |
| 2  | BRS  | L13 | 34     | ((determin\$5 or detect\$5 or measur\$5) near\$8 (raman near\$3 gain))   | USPAT; EPO; JPO | 2001/12/04<br>14:26 |
| 3  | BRS  | L17 | 12170  | ((determin\$5 or detect\$5 or measur\$5 or calculat\$5 or obtain\$5) near\$6 ((chang\$4 or differen\$6 or subtract\$5) near\$4 power))   | USPAT; EPO; JPO | 2001/12/04<br>16:01 |
| 4  | BRS  | L21 | 38     | 1 or 13  | USPAT; EPO; JPO | 2001/12/04<br>14:34 |
| 5  | BRS  | L25 | 1      | 21 and 17  | USPAT; EPO; JPO | 2001/12/04<br>15:05 |
| 6  | BRS  | L29 | 40     | ((determin\$5 or detect\$5 or measur\$5 or calculat\$5 or inspect\$5) near\$9 (raman near\$3 gain))  | USPAT; EPO; JPO | 2001/12/04<br>15:11 |
| 7  | BRS  | L33 | 1      | 29 and 17  | USPAT; EPO; JPO | 2001/12/04<br>15:28 |
| 8  | BRS  | L37 | 152991 | optic\$4 near\$2 (fiber or fibre)  | USPAT; EPO; JPO | 2001/12/04<br>15:36 |
| 9  | BRS  | L41 | 876    | 17 and 37  | USPAT; EPO; JPO | 2001/12/04<br>15:36 |
| 10 | BRS  | L45 | 279    | raman near\$3 gain   | USPAT; EPO; JPO | 2001/12/04<br>15:37 |
| 11 | BRS  | L49 | 7      | 41 and 45 and power  | USPAT; EPO; JPO | 2001/12/04<br>17:02 |
| 12 | BRS  | L53 | 1      | ((raman near\$2 gain) with ((determin\$5 or detect\$5 or measur\$5 or calculat\$5 or obtain\$5) near\$6 ((chang\$4 or differen\$6 or subtract\$5) near\$4 power)))                               | USPAT; EPO; JPO | 2001/12/04<br>16:56 |
| 13 | BRS  | L57 | 1      | ((raman near\$2 gain) with ((determin\$5 or detect\$5 or measur\$5 or calculat\$5 or obtain\$5) near\$6 ((chang\$4 or differen\$6 or subtract\$5) near\$4 (power or intensit\$4 or densit\$4)))) | USPAT; EPO; JPO | 2001/12/04<br>17:00 |
| 14 | BRS  | L61 | 7      | 41 and 45 and (power or intensit\$4 or densit\$4)  | USPAT; EPO; JPO | 2001/12/04<br>17:10 |

|    | Type | L # | Hits | Search Text  | DBs             | Time Stamp          |
|----|------|-----|------|--|-----------------|---------------------|
| 15 | BRS  | L65 | 37   | 45 and span  | USPAT; EPO; JPO | 2001/12/04<br>17:10 |
| 16 | BRS  | L69 | 8    | 65 and (downstream or (down adj stream))             | USPAT; EPO; JPO | 2001/12/04<br>17:14 |
| 17 | BRS  | L73 | 99   | (raman near2 gain) with power with (gain<br>or loss) | USPAT; EPO; JPO | 2001/12/04<br>17:16 |